Plan Fair Tests

Grade 5 Science Worksheet

Name _____ Date _____

Read each part of the test. Circle what it is.

1. Test: Which soil holds the most water? What is "the type of soil" in this test?
   the one thing you change what you measure what you keep the same

2. Test: Which material keeps ice from melting the longest? What is "the size of the ice cube" in this test?
   the one thing you change what you measure what you keep the same

3. Test: Does room temperature change how fast bread dough rises? What is "the room temperature" in this test?
   the one thing you change what you measure what you keep the same

4. Test: Does the length of a pendulum change its swing time? What is "the time for ten swings" in this test?
   the one thing you change what you measure what you keep the same

5. Test: Does the length of a pendulum change its swing time? What is "the length of the string" in this test?
   the one thing you change what you measure what you keep the same

6. Test: Does the height of a ramp change how far a toy car rolls? What is "the height of the ramp" in this test?
   the one thing you change what you measure what you keep the same

7. Test: Which surface slows a rolling ball the most? What is "the distance the ball rolls" in this test?
   the one thing you change what you measure what you keep the same

8. Test: Which material keeps ice from melting the longest? What is "how long the ice lasts" in this test?
   the one thing you change what you measure what you keep the same

9. Test: Does the color of a cup change how fast water warms in the sun? What is "the water temperature" in this test?
   the one thing you change what you measure what you keep the same

10. Test: Does the number of batteries change how bright a bulb is? What is "the number of batteries" in this test?
    the one thing you change what you measure what you keep the same

Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Plan Fair Tests

Answer Key - Grade 5 Science Worksheet

Read each part of the test. Circle what it is.

1. Test: Which soil holds the most water? What is "the type of soil" in this test?
   the one thing you change what you measure what you keep the same

2. Test: Which material keeps ice from melting the longest? What is "the size of the ice cube" in this test?
   the one thing you change what you measure **what you keep the same**

3. Test: Does room temperature change how fast bread dough rises? What is "the room temperature" in this test?
   the one thing you change what you measure what you keep the same

4. Test: Does the length of a pendulum change its swing time? What is "the time for ten swings" in this test?
   the one thing you change **what you measure** what you keep the same

5. Test: Does the length of a pendulum change its swing time? What is "the length of the string" in this test?
   the one thing you change what you measure what you keep the same

6. Test: Does the height of a ramp change how far a toy car rolls? What is "the height of the ramp" in this test?
   the one thing you change what you measure what you keep the same

7. Test: Which surface slows a rolling ball the most? What is "the distance the ball rolls" in this test?
   the one thing you change **what you measure** what you keep the same

8. Test: Which material keeps ice from melting the longest? What is "how long the ice lasts" in this test?
   the one thing you change **what you measure** what you keep the same

9. Test: Does the color of a cup change how fast water warms in the sun? What is "the water temperature" in this test?
   the one thing you change **what you measure** what you keep the same

10. Test: Does the number of batteries change how bright a bulb is? What is "the number of batteries" in this test?
    the one thing you change what you measure what you keep the same